

Application No. 09/710,827
Attorney Docket No. 11727US03

REMARKS

The present application includes claims 34-64 Claims. Claims 34-64 were rejected. By this Amendment, claims 34 and 48 have been amended and new claim 65 has been added.

Claims 34-64 were rejected under 35 U.S.C. §112, first paragraph, as not complying with the enablement requirement. Specifically, the Examiner rejected claims 34-64 due to the appearance of the term "independent" in independent claims 34 and 48. The term "independent" has been removed from the claims as indicated by the Examiner.

Additionally, independent claims 34 and 48 have been amended to include the limitation that the frequency of the second tonal component is matched to the frequency of the input tonal component. Additionally, independent claims 34 and 48 have been amended to include the limitation that the output tonal signal includes both the input tonal component and the second tonal component. Additionally, independent claims 34 and 48 have been amended to include the limitation that the time duration of the output signal is greater than the time duration of the input signal.

Although no rejection in light of the prior art was included in the most recent Office Action, in a previous Office Action, the Examiner rejected the claims in light of the background section of the present patent application and Vaseghi ("Advanced Signal

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Processing and Digital Noise Reduction," Chapter 9). However, amended claims 34 and 48 are respectfully submitted to be free of the prior art. For example, neither the background section nor Vaseghi teaches any time extension of tonal components, such as DTMF tones. In fact, the cited section of Vaseghi only sets for a methodology for a discrete Fourier transform (DFT).

Thus, independent claims 34 and 48 are respectfully submitted to be free of the prior art and allowable. Additionally, their respective dependent claims 35-47 and 49-64 are also respectfully submitted to be free of the prior art and allowable.

Additionally, new independent claim 65 has been added. Claim 65 recites similar limitations to independent claims 34 and 48 and is consequently also respectfully submitted to be allowable.

The Applicant is also eager to work with the Examiner to resolve the present case, for example by considering claim amendments suggested by the Examiner in a teleconference.

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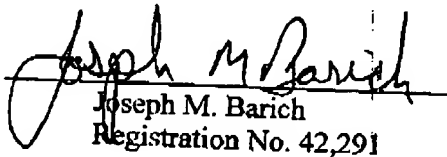
CONCLUSION

If the Examiner has any questions or the Applicant can be of any assistance, the Examiner is invited and encouraged to contact the Applicant at the number below.

The Commissioner is authorized to charge any necessary fees or credit any overpayment to the Deposit Account of McAndrews, Held & Malloy, Account No. 13-0017.

Respectfully submitted,

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